CLAIMS

What is claimed is:

1   1.   A method of providing agricultural pesticide

2   information, comprising:

3   a.   inputting into a computer

4   1.   the identity of a pest existing on a property;

5   and

6   2.   the identity of a plant or crop existing on the

7   property, wherein said plant or crop is adversely affected by

8   said pest; and

9   b.   executing an algorithm for generating therefrom

10   instructions for choosing a pesticide to protect said plant or

11   crop from said pest.

1   2.   The method of Claim 1, wherein the instructions allow

2   for a comparison of different pesticides.

1   3.   The method of Claim 1, wherein the instructions

2   provide access to one or more of the following: a product

3   label, a material safety data sheet, a worker protection

4   statement, and a list of retailers.

1   4.   The method of Claim 1, further comprising obtaining

2   the pesticide by sale on-line.

1   5.   The method of Claim 4, wherein the algorithm

2   initiates an analysis of restrictions on the sale of the

3   pesticide.

1   6.   The method of Claim 5, wherein the analysis includes

2   validating information regarding a pesticide applicator.

1   7.   The method of Claim 5, wherein the analysis includes

2   validating information regarding a pesticide dealer.

1   8.   The method of Claim 4, wherein information regarding

2   an on-line sale of the pesticide is entered into a central

3   database.

1   9.   The method of Claim 1, further comprising accessing a

2   farm planning guide.

1   10.   The method of Claim 9, wherein the farm planning

2   guide provides information to assist a user in optimizing crop

3   yield.

1   11.   The method of Claim 9, wherein the farm planning

2   guide provides information regarding seeds.

1   12.   The method of Claim 9, wherein the farm planning

2   guide provides information regarding fertilizers.

1   13.   A system for providing agricultural pesticide

2   information, the system comprising:

3   a.   memory for storing:

4   1.   a plant database;

5   2.   a pest database; and

6   3.   a pesticide database; and

7   b.   a processor connected to the memory and being

8   configured to generate instructions regarding which pesticides

9   in the pesticide database can be used to protect a plant in

10 the plant database from a pest in the pest database.

1   14.   The system of Claim 13, wherein the pesticide

2   database contains information on restrictions on the

3   pesticides.

1   15.   The system of Claim 14, wherein the memory further

2   stores a database of licensed applicators for the restricted

3   pesticides.

1   16.   The system of Claim 14, wherein the memory further

2   stores a database of licensed dealers who may sell the

3   restricted pesticides.

1   17.   The system of Claim 13, wherein the memory further

2   stores a central database of sales of pesticides according to

3   geographic areas.

1   18.   The system of Claim 13, wherein the memory further

2   stores a farm planning guide database.

1   19.   The system of Claim 18, wherein the farm planning

2   guide database includes a seed database.

1   20.   The system of Claim 18, wherein the farm planning

2   guide database includes a fertilizer database.

1   21.   A method of verifying an electronic sales

2   transaction for a regulated pesticide product via a computer

3   network, said method comprising:

4   receiving from a computer user, via the computer network,

5   a request to purchase the regulated pesticide;

6   requesting the computer user to provide applicator

7   license information;

8   receiving the requested applicator license information

9   from the computer user;

10   accessing a state applicator license database;

11   determining whether the received applicator license

12   information corresponds to a data entry in the state

13   applicator license database; and

14   disapproving the electronic sales transaction when the

15   received applicator license information does not correspond to

16   at least one data entry in the state applicator license

17   database.

1   22.   The method of claim 21, further comprising approving

2   the electronic sales transaction when the received applicator

3   license information corresponds to at least one data entry in

4   the state applicator license database.

1   23.   The method of claim 21, wherein the step of

2   accessing the state applicator license database is performed

3   remotely via the Internet.

1   24.   The method of claim 21, wherein the applicator

2   license information comprises an applicator license number.

1   25.   The method of claim 21, further comprising:

2   requesting the computer user to provide a permit number;

3   receiving the requested permit number from the computer

4   user;

5   accessing a state application permit database;

6   determining whether the received application permit

7   number is found in the state application permit database; and

8   disapproving the electronic sales transaction when the

9   received permit number is not found in the state application

10   permit database.

1   26. The method of claim 25, further comprising approving

2   the electronic sales transaction when the received applicator

3   license information corresponds to at least one data entry in

4   the state applicator license database and when the received

5   application permit number is found in the state application

6   permit database.

1   27. A method of verifying an electronic sales

2   transaction for a regulated pesticide product via a computer

3   network, said method comprising:

4   receiving from a first computer user, via the computer

5   network, dealer license information and a request to sell the

6   regulated pesticide product;

7   receiving from a second computer user, via the computer

8   network, a request to purchase the regulated pesticide

9   product, and a state where the regulated pesticide product is

10   to be delivered;

11   accessing a state dealer license database corresponding

12   to the state where the regulated pesticide product is to be

13   delivered;

14   determining whether the received dealer license

15   information corresponds to a data entry in the state dealer

16   license database; and

17   disapproving the electronic sales transaction when the

18   received dealer license information does not correspond to at

19   least one data entry in the state dealer license database.

1   28.   The method of claim 27, further comprising

2   validating product registrations and dealer licenses prior to

3   a buyer being presented with a list of products legally

4   offered for sale in the buyer's state.

1   29.   The method of claim 27, further comprising approving

2   the electronic sales transaction when the received dealer

3   license information corresponds to at least one data entry in

4   the state dealer license database.

1   30.   The method of claim 27, wherein the step of

2   accessing the state dealer license database is performed

3   remotely via the Internet.

1   31.   The method of claim 27, wherein the dealer license

2   information comprises a dealer license number.

1   32.   The method of claim 27, further comprising:

2   requesting the second computer user to provide applicator

3   license information;

4   receiving the requested applicator license information

5   from the second computer user;

6   accessing a state applicator license database;

7   determining whether the received applicator license

8   information corresponds to a data entry in the state

9   applicator license database; and

10   disapproving the electronic sales transaction when the

11   received applicator license information does not correspond to

12   at least one data entry in the state applicator license

13   database.

1   33.   The method of claim 32, further comprising approving

2   the electronic sales transaction when the received applicator

3   license information corresponds to at least one data entry in

4   the state applicator license database and the received dealer

5   license information corresponds to at least one data entry in

6   the state dealer license database.